Our Reference: KJD-100-A

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

John M. Kokosa

Serial Number:

10/788,840

Filing Date:

February 27, 2004

Examiner/Art Group Unit:

/2856

Title:

AUTOMATION OF LIQUID PHASE

MICROEXTRACTION

CERTIFICATE OF MAILING AND TRANSMITTAL LETTER

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted with this document is a Postcard; Information Disclosure Statement including Form PTO-1449 and the cited non-patent references in the above-identified application.

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I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on August 27, 2004.

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Applicant submits the references listed in the attached form PTO-1449 as relating to the subject matter of the invention described and claimed in the above-identified application.

In accordance with US patent practice, only copies of non-patent references are enclosed.

Respectfully submitted,

YOUNG, BASILE, HANLON, MacFARLANE, WOOD & HELMHOLDT, P.C.

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Dated: August 27, 2004

WMH/jao

Sheet 1 of ATTY. DOCKET NO. SERIAL NO. LIST OF REFERENCES CHED BY APPLICANT KJD-100-A 10/788/840 APPLICANT John M. Kokosa AUG 3 1 2004 GROUP February 27, 2004 **U. S. PATENT DOCUMENT** EXAMINER INITIALS PATENT NO. ISSUE DATE PATENTEE SUBCLASS FILING DATE AA6,164,144 12/26/00 863.21 Berg 73 12/18/97 AΒ 6,537,827 B1 3/25/03 Pawliszyn 436 178 1/7/99 AC 5,691,206 11/25/97 Pawliszyn 436 178 9/19/94 ΑD 5,792,423 8/11/98 Markelov 422 63 3/8/95 ΑE 6,146,895 11/14/00 Green et al. 436 47 11/9/93 ΑF 6,286,375 B1 9/11/01 Ward 73 863.12 4/27/99 AG 6,426,225 B1 7/30/02 Lewis et al. 436 8 8/16/99 AΗ 6,405,608 6/18/02 Lindgren et al. 73 863.21 1/25/00 ΑI 6,143,573 11/7/00 Rao et al. 436 180 10/23/96 A.J 5,969,813 10/19/99 356 Hammond et al. 319 2/12/98 ΑK 5,948,360 9/7/99 422 65 Rao et al. 8/29/97 ΑE 5,861,563 1/19/99 Boyd et al. 73 864.21 3/20/97 AM 5,441,700 8/15/95 Markelov 422 63 6/7/93 5,116,578 5/26/92 ΑN Baxter 422 63 10/15/87 ΑO 4,944,781 7/31/90 Ruggirello et al. 55 386 7/12/89 AΡ 4,713,974 12/22/87 73 864.23 4/18/86 Stone ΑQ 4,478,095 10/23/84 Bradley et al. 73 864.21 3/9/81 US 2003/0222007 AR 12/4/03 4/11/03 Gu et al. 210 198.2 US 2002/0190202 AS 12/19/02 250 288 3/28/02 Liang US 2002/0176799 AT 11/28/02 McCorkle 422 64 7/10/02 ΑU US 2002/0006360 1/17/02 100 Neal et al. 422 3/9/01 OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.) LEAP Technologies, PAL Training Check List, ΑV Kettering University Science & Mathematics Department, Headspace Solvent Microextraction - a Novel AW Preparation Technique for Environmental Samples ΑX John M. Kokosa & Andrzej Pryjazny, Headspace Microdrop Analysis - An Improved Test Method for Gasoline Diluent in Used Engine Oils ΑY LEAP Technologies, Single Magnet Mixer for SPME Applications

Sheet FORM PTO-1449 ATTY. DOCKET NO. SERIAL NO. LIST OF REFERENCES CITED BY APPLICANT KJD-100-A 10/788/840 APPLICANT John M. Kokosa FILING DATE GROUP February 27, 2004 2856 Combi PAL Operating Manual ΑZ BA Varian Analytical Instruments, Combi PAL SPME Manual RR Kihwan Choi, Yongseong Kim, and Doo Soo Chung, Liquid-Phase Microextraction as an On-line Preconcentration Method in Capillary Electrophoresis BC Xiujuan Wen, Chuanhong Tu, and Hian Kee Lee, Two-Step Liquid-Liquid-Liquid Microextraction of Nonsteroidal Antiinflammatory Drugs in Wastewater BD John M. Kokosa & Andrzej Pryjazny, Headspace Microdrop Analysis - An Alternative Test Method for Gasoline Diluent and Benzene, Toluene, Ethylbenzene, and Xylenes in Used Engine Oils, 2002. BF Elefteria Psillakis & Nicolas Kalogerakis, Application of Solvent Microextraction to the Analysis of Nitroaromatic Explosives in Water Samples, 2001. RF Limian Zhao & Hian Kee Lee, Application of Static Liquid-phase Microextraction to the Analysis of Organochlorine Pesticides in Water, 2001. RG Limian Zhao & Hian Kee Lee, Determination of Phenols in Water Using Liquid Phase Microextraction with Back Extraction Combined with High-Performance Liquid Chromatography, 2001. вн Lowri S. de Jager & Anthony R. J. Andrews, Development of a Screening Method for Cocaine and Cocaine Metabolites in Urine Using Solvent Microextraction in Conjunction with Gas Chromatography, 2001. BI Lingyan Zhu, Liang Zhu, & Hian Kee Lee, Liquid-Liquid-Liquid Microextraction of Nitophenols with a Hollow Fiber Membrane Prior to Capillary Liquid Chromatography, 2001. B.I Trine Grohaug Halvorsen, Stig Pedersen-Bjergaard, & Knut E. Rasmussen, Liquid-Phase Microextraction and Capillary Electrophoresis of Citalopram, and Antidepressant Drug, 2001. BK Trine Grohaug Halvorsen, Stig Pedersen-Bjergaard, & Knut E. Rasmussen, Reduction of Extraction Times in Liquid-Phase Microextraction, 2001. BL Kirsten E. Kramer & Anthony R. J. Andrews, Screening Method for 11-nor-∧⁹-tetrahydrocannabinol-9carboxylic acid in Urine Using Hollow Fiber Membrane Solvent Microextraction with In-tube Derivatization, BM Elefteria Psillakis & Nicolas Kalogerakis, Solid-Phase Microextraction Versus Single-Drop Microextraction for the Analysis pf Nitroaromatic Explosives in Water Samples, 2001. BN Aaron L. Theis, Adam J. Waldack, Susan M. Hansen, & Michael A. Jeannot, Headspace Solvent Microextraction, 2001. Hongyan Zhang & Anthony R. J. Andrews, Preliminary Studies of a Fast Screening Method for Polycyclic BO Aromatic Hydrocarbons in Soil by Using Solvent Microextraction-Gas Chromatography, 2001. Wuping Liu & Hian Kee Lee, Continuous-Flow Microextraction Exceeding 1000-Fold Concentration of Dilute RP Analytes, 2000.

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FORM PTO-1449 LIST OF REFERENCES CITED BY APPLICANT			ATTY. DOCKET NO. KJD-100-A	SERIAL NO. 10/788/840
			APPLICANT John M. Kokosa	
			FILING DATE February 27, 2004	GROUP 2856
	ВΩ	T. Ligor & B. Buszewski, Extraction	n of Trace Organic Pollutants from Aqueous Sa	imples by a Single Drop
		Method, 2000.		
	BR	Lowri S. de Jager & Anthony R. J. Andrews, Development of a Rapid Screening Technique for		
	BR	Organochlorine Pesticides Using Solvent Microextraction (SME) and Fast Gas Chromatography, 2000.		
	Andrzej Przyjazny, Joel F. Austin, & Andrew T. Essenmacher, Headspace Lie			Phase Microextraction - A
		Novel Preconcentration Technique for Volatile Organic Pollutants		
	ВТ	L.S. Jager & A.R.J. Andrews, Solvent Microextraction of Chlorinated Pesticides, 1999		
	"			
	BU	Yan Wang, Yien Chian Kwok, Yan He, & Hian Kee Lee, Application of Dynamic Liquid-Phase Microextraction		
	ВО	to the Analysis of Chlorobenzenes in Water by Using a Conventional Microsyringe, 1998.		
	B) (Y. He & H. K. Lee, Liquid-Phase Microextraction in a Single Drop of Organic Solvent by Using a Conventional		
	BV	Microsyringe, 1997.		
	BW	Michael A. Jeannot & Frederick F. Cantwell, Solvent Microextraction as a Speciation Tool: Determination of		
	BW	Free Progesterone in a Protein Solution, 1997.		
		Michael A. Jeannot & Frederick F. Cantwell, Mass Transfer Characteristics of a Solvent Extraction into a		
	ВХ	Single Drop at the Tip of a Syringe Needle, 1997.		
		Michael A. Jeannot & Frederick F. Cantwell, Solvent Microextraction into a Single Drop, 1996.		
	BY			
		Hanghui Liu & Puernendu K. Dasgupta, Analytical Chemistry in a Drop. Solvent Extraction in a Microdrop,		
	BZ	1996.		
		Standard Test Method for Gasoline Diluent in Used Gasoline Engine Oils by Gas Chromatography		
	CA		•	
EXAMINER			DATE CONSIDERED	
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